

## AN INTEGRATED SIM HOLDER WITH BACKCASE AND ROTATING DOOR

### ABSTRACT OF THE DISCLOSURE

An apparatus for holding a SIM (subscriber identification module) card for  
5 an electronic device. The electronic device is implemented using integrated  
circuits on a PCB (printed circuit board) contained within a device housing. A SIM  
connector is mounted on the PCB and is configured to electrically connect a SIM  
card to the PCB when the SIM card is engaged with the SIM connector. The SIM  
card is releasably held in position by a SIM card door. The SIM card door is  
10 configured to move the SIM card into engagement with the SIM connector when in  
a closed position. The SIM card door can be configured to slidably accept the SIM  
card into a properly aligned position when the SIM card door is in the open  
position. The SIM card door is releasably engageable with the housing and is  
rotatably attached to the housing such that the SIM card door swings into the  
15 closed position from the open position. Holding the SIM card with the SIM card  
door provides for a smaller SIM connector and thus a minimum amount of PCB  
area for mounting the SIM connector.